

# Breakout Room 1

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

convert hot water heater, dryer, stove and heating to electric

**buy an electric car**

buy a hybrid and use less water

Electrify everything (car, stove, furnace/heat pump, water heater, dryer); get solar; vote for folks who understand climate and energy transition

Take advantage of DASH - it's free, reliable, and safe!

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

**I don't own my home**

**not enough dedicated bike lanes**

**city sponsored compost collection**

ECCAP should focus first and foremost on City government actions and state legislative needs to do them (personal voluntary actions should be second priority)

living in a community that has strict rules on what one can do with their home

What is take to emissions

Prorate the personal vehicle tax (car tax) based on the efficiency of the vehicle

Make greater incentives for homeowners to improve efficiencies and electrify similar to the flood mitigation financial grants

**Meeting its housing targets to help the region build 75% of new units near transit and make them affordable**

**Electrifying the city and school system heavy duty fleet**

Outreach to building managers and property owners to show financial benefits to generate actions

**Budget for staff to help businesses do C-PACE**

Expand retrofitting and electrification of commercial buildings, including funding

provide incentives for buying EVs and require high standards for commercial developers than the current Green Building Policy

**Shared EV system for all income levels**

Add EV charging stations for users that cannot have an EV charging station at their home

**Safer walking and biking**

City help to electrify vehicles of high mileage users such as shared

# Breakout Room 2

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

Electrify Home Appliances

Install Rooftop Solar Panels

Walk, Bike, Bus - less Car travel

Improve Home Energy Efficiency

Convert to EV car

Buy 100% green utility power from Dominion

Vegetarian / Vegan

Minimize air travel

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

Lack of contractor knowledge on high-efficiency/all-electric home appliance options

Inertia. Too lazy to make home improvements.

Cost. Solar panels are expensive.

lack of technical and financial assistance (including C-PACE) for condo building EE/RE improvements and electrification

lack of ability to enter into PPA's

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

Offer Programs & Incentives to make improving home sustainability easy

Facilitate Community Solar installations

Electrify DASH bus network

Add bike lanes

Offer major education events at community hotspots - farmers markets, TWU and ARHA events, etc

Hire a City Manager who supports & understands climate action

Make Dominion offer Green Power in easier, cheaper ways

More vegetarian / vegan meals in public school

Workforce education on efficiency/sustainability

Hire outreach staff for residents, businesses, and developers to lead electrification and EE/RE retrofits

Make the necessary investments to enable rapid, deep emissions reductions, even if that means changing typical budget policies and assumptions

Dedicated Bus Lanes on Duke Street

Lack of information on building energy and refrigerant use and resulting GHG emissions



# Breakout Room 3

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

drive EV, solar panels, eat less meat, drive less, electrify appliances and HVAC, etc.. but.....

Personal actions are not enough. Need to be a force multiplier and get others to follow along.

Paying attention to plans and speaking up when development does meet sustainable goals

Need to educate others on actions, and making the actions as easy/accessible as possible. Need to provide people models for behavior.

Need to make personal decisions with emissions in mind.

Book referral: "Rewiring America" by Saul Griffith

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

Come visit Molly's all-electric (solar, EV, induction, heatpump) house at 605 N. Mansfield St. Alexandria, VA 22304. Ping me at [molleecita@gmail.com](mailto:molleecita@gmail.com)

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

**Focus on electrification of everything**

Collaborate with all ecosystems players/Force Multipliers are more impactful than individual actions

**Focus on efficiency**

# Breakout Room 4

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas

**drive less**

move to hybrid car and EV as soon as recharging network built out

**Replace appliances with Energy Star products**

**Convince family members to reduce household energy use**

**Urge Condo Assoc to reduce energy and chemical use in landscaping**

get more rain barrels; install rain garden; plant native plants to provide habitat

Lobby landscaping company to use electric leaf blowers and other equipment.

**Reduce consumption of beef and other red meat.**

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

**need electric charger network throughout country**

**relatively new gas appliances - will replace when needed with electric**

**More difficult to effect change when dealing with a homeowners association.**

Most people don't appreciate how serious CC is, or how much will be required to mitigate it and adapt to it.

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

Create more rain gardens in public streets and landscaping, reduce impermeable surfaces.

Provide citizens with safe walking and biking infrastructure throughout the city

at the bump outs recently installed on Commonwealth - install rain gardens and native vegetation to reduce flooding in Rosemont

The city should design and implement a massive CC education campaign.

**install green roofs on city buildings**

# Breakout Room 5

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

One car household which means more bike/public transit usage

Using Alexandria composting program (which there was curbside pick-up like Boulder). Small contribution, but an easy one to do.

Live in N Old Town wh/ is very walkable to grocery, some retail, restaurants, waterfront. Daily errands don't require car.

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

Not able to charge EV at residence

Utility changes require whole building buy-in and carry a large price tag. Targeted effort by city to work with large housing complexes is important.

Access to community/urban garden space. Waiting lists in North Old Town are 100+ people.

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

More EV charging capabilities in multi-unit housing

Make it easier and safer to bike/walk within Alexandria than to drive.

Keep "supporting activities" priorities as these are things residents have more ability to influence day-to-day.

Engage artists to design a public education/art campaign about climate change and actions we can take. Simplify messaging make it understandable to everyone. Place in high pedestrian traffic areas.

Reduce use of asphalt and use more recycled/sustainable materials.

Encourage small/community projects

Topic can be overwhelming - give me a list of things and I can choose what I can do.

Redesign lower King Street to demonstrate commitment to being permanently car-free. Can use permeable materials. Possibly incorporate educational materials about climate change.

Need whole-of-city approach

Create a city program to work with condo buildings on green infrastructure - solar, EV charging.



# Breakout Room 6

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

**Drive less.  
Drive the  
hybrid.**

**Buy  
local  
food**

Bike more

**EV is my  
next car**

**Replace gas  
stove,  
fireplace,  
water heater**

Reduce energy and  
product/packaging  
consumption

**Buy electric  
appliances  
when time to  
replace gas  
ones**

**Energy  
efficiency  
upgrades for  
my home**

Reduce/eliminate  
meat consumption

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

**Safer biking  
with better  
bike lanes and  
road paving**

**Cost of  
energy  
efficiency  
upgrades**

**Need  
guidance on  
storm-water  
management  
for  
multi-family**

**Real  
bike  
lanes**

Building code  
exceptions that  
result in long-term  
environmental  
impact and  
long-term costs

Walking/biking  
safety

**No guidance  
on doing solar  
for  
multi-family**

**EV Charging  
infrastructure**

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

**Don't cater  
too much to  
local groups'  
specific  
interests.**

**Plant trees  
and green  
infrastructure**

Encourage utilities  
and developers to  
work together early  
in the development  
process

Promote solar to  
commercial  
residential buildings  
and businesses and  
add solar panels to  
all city  
buildings/parking  
lots

**Make it cheaper to  
install rooftop solar  
including on city  
and commercial  
buildings**

Create protected  
bike lanes and  
connected  
pathways through  
the city

**Promote  
energy  
efficiency  
through  
education and  
incentives**

**Provide funding for  
low-income  
residents to get  
energy audits of  
their homes**

Incentives for  
electric appliances  
(heat pumps, stoves,  
lawn mowers, leaf  
blowers, etc)

Education and  
incentives for  
electrification (such  
as switch from gas  
stoves to electric)

**Weatherization for  
low-income  
residents.**

# Breakout Room 7 wuz Awesome

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

Buy electric car  
Add solar panel to roof  
Reduce motorized travel (bike/walk)  
Change heating, dryer and HW to electric (\$\$\$)

**Convert  
gas to  
electric.**

**Contribute to  
climate equity  
fund**

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

**don't know  
how to find  
good reliable  
contractor**

**Cost of new  
heating  
system or  
appliances**

**Support some  
higher density  
housing  
initiatives**

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

**do what they  
do for solar  
with finding  
low cost and  
good  
contractors**

**Keep working  
on really 1st  
class  
pedestrian  
and biking  
infrastructure!**

**Start building  
(even more)  
flood control  
infrastructure.**

# Breakout Room 8

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

We recently purchased a home. We plan to replace the old HVAC system and water heater with high efficiency equipment, add insulation, and evaluate the feasibility of adding solar panels.

I gave up eating large land animals 6 years ago. I choose plant-based milk and ice cream, etc.

Having moved here in 2020, I put in a new efficient heat pump to replace my old dying HVAC. I added solar panels on my roof. I replaced broken gas stove with induction stove.

Vote for climate champions and then advocate directly to them for policies that meet the science-based targets.

Our only cars are EVs, we use an e-cargo bike, and 80% of our cooking is on induction. Planned for future: electric water heater and heat pump HVAC.

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

Lack of a good network of EV charging stations. Lack of availability of electricity from renewable sources.

I travel by airplane because family is far away.

Virginia Clean Economy Act's RPS/CES (Renewable Portfolio Standard/Clean Energy Standard) targets fall short of science-based targets

Heat pumps and heat pump water heaters are expensive (including proper insulation & home sealing to make it work). Contractor base is not mature for these products.

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

Replace the non-electric city buses with electric buses. Promote/facilitate the increase in renewable energy production. Promote/facilitate a complete network of EV charging stations.

I wish ALX would have curbside composting.

Advocate to Dominion and the General Assembly for clean electricity policies that match science-based targets

Advocate for state/utility rebate programs for residential electrification (appliances and installation)



# Breakout Room 9

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

**Bicycling more, taking public transit, educating my condo**

**Voting for climate champions, avoid car use, electrify appliances.**

**Would like to buy an electric vehicle**

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

**Access and permission in your homeowner's association in condos and townhouse development**

**Strict zoning regulations not allowing ADUs or other extra dwellings.**

**Lack of charging stations**

**Dillon rule restricting city's authority to implement certain regulations.**

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

**City needs to require energy efficiency in all new buildings such as apartments**

**More restrictions and guidelines for developers to go green**

**Increase city's density to allow more public transit use and shorter commutes.**

**Consider climate adaptation alongside emissions reductions. Plans for increased flooding, extreme heat, sea level rise?**

# Breakout Room 10

Most important (or likely) actions you can take in your own life to reduce your greenhouse gas emissions?

convert gas furnace and dryer to electric

convert to electric vehicles

What barriers do you experience that prohibits you from taking action to reduce your greenhouse gas emissions in your own life?

would like to convert to EV, but have street parking. that might be ok for 1 resident, but think about many blocks. needs city support with public fast chargers or infrastructure on sidewalks

do architectural boards prohibit the install of rooftop solar

What is a priority action the City of Alexandria can take to support your reduction of greenhouse gas emissions in your own life or in the community?

encourage solar for community and private sector

revenue neutral rebate program